

## **Supplementary Information:**

### **Bubbles determine the amount of alcohol in Mezcal**

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**Video S1. Traditional technique.** This video shows the traditional ‘pearls of Mezcal’ technique described in the text. The test is conducted by a *maestro mezcalero*, from the Sanzekan Mezcal workshop in Chilapa de Álvarez, Guerrero. The video was taken by L. Diaz-Damacillo in 2016.

**Video S2. Bubble formation.** The video shows a stream of Mezcal splashing into a container. The video was taken at 1000 frames per second, shown at 30 frames per second.

**Video S3. Bubble bursting.** The video shows a Mezcal bubble spontaneously bursting 5000 frames per second, shown at 30 frames per second. Both top and side view are shown simultaneously.